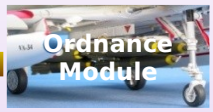
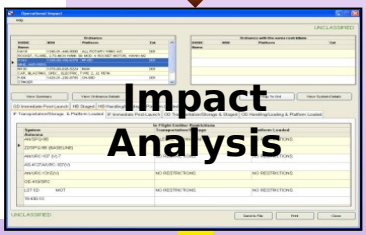
DISA

JOERAD





HERO ANALYSIS

JSC Ordnance Electromagnetic Environmental Effects (E3)

JOERAD is a software tool that provides the necessary information to manage the conflict between electrically-initiated ordnance and the electromagnetic environment produced by RF emitters.

Why Use JOERAD?

- As a pre-deployment planning tool to assist in the resolution of HERO during the planning of joint or combined operations or exercises.
- To provide an organic capability to calculate ordnance Safe Separation distances and/or maximum emitter power levels.
- To provide a capability for “What If” analyses involving the use of unplanned ordnance

JOERAD

The complex environment and accelerated tempo of Joint Operations demand full situational awareness to evaluate risks associated with electrically initiated ordnance. This combination, if not properly analyzed, poses a threat to personnel and materiel or results in excessively restrictive transmitter controls on essential equipment.

JOERAD evaluates the electromagnetic environment that may be produced by RF emitters against the susceptibility of

The JOERAD program provides the user the ability to perform a HERO analysis for joint operational evolutions. Awareness briefings and training courses have been developed to ensure that proper consideration is given to E3 safety issues in joint operations.

How to get JOERAD

- Fill out a DSO Access Request Form (DARF).
- Complete Cyber Awareness Challenge training

https://acc.dau.mil/joerad

For more information or to obtain a copy of JOERAD, please contact the Joint Spectrum Center (JSC) E3 Engineering Division (J5) at (410) 293-9264, e-mail *disa.annapolis.dso.list.jsc-j5-joerad-help@mail.mil,* or visit JOERAD on the web: https://acc.dau.mil/joerad or https://acc.dau.mil/e3